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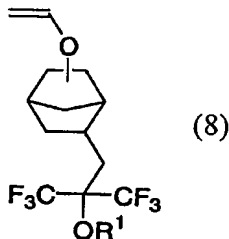
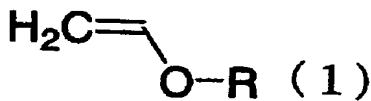
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(54) Title: **FLUORINE-CONTAINING VINYL ETHERS, THEIR POLYMERS, AND RESIST COMPOSITIONS USING SUCH
POLYMERS**



(57) Abstract: The invention relates to a fluorine-containing vinyl ether represented by the formula (1), wherein R represents an organic group containing at least one fluorine atom and a cyclic structure. The invention further relates to a fluorine-containing copolymer containing (a) a first unit derived from a first monomer that is a fluorine-containing vinyl ether represented by the formula (8) where R¹ is -H or a C₁-C₈ alkyl group that optionally contains an oxygen atom; and (b) a second unit derived from a second monomer that is at least one selected from acrylic esters and methacrylic esters.

WO 2004/041762 A1